

Title (en)

Wind turbine nacelle consisting of the housing of an electric generator, and corresponding wind turbine

Title (de)

Maschinengondel einer Windturbine, bestehend aus dem Gehäuse eines elektrischen Generators, und entsprechende Windturbine

Title (fr)

Nacelle d'éolienne constituée par la carcasse d'un générateur électrique, et éolienne correspondante

Publication

**EP 1081376 B1 20050727 (FR)**

Application

**EP 00402252 A 20000809**

Priority

FR 9910974 A 19990901

Abstract (en)

[origin: EP1081376A1] The nacelle (1) comprises a rigid envelope (7) in which is mounted at least an electrical generator designed to be coupled to a propeller (5) of a wind driven electrical energy generator. The nacelle is forms the generator casing enclosing the stator (3) and rotor (4). The nacelle is surrounded by a tubular sleeve (8) which forms an annular air passage along the nacelle. Lateral opening (11), in the nacelle, extend through the stator (3). The nacelle is connected to the propeller by a epicyclical multiplying gear (6) mounted in the envelope (7) and is mounted so as to rotate at the end of a mast (2)

IPC 1-7

**F03D 9/00**; **F03D 11/00**; **F03D 1/00**; **H02K 7/18**; **H02K 9/14**

IPC 8 full level

**F03D 9/00** (2006.01); **H02K 7/18** (2006.01); **H02K 9/14** (2006.01); **H02K 5/20** (2006.01)

CPC (source: EP US)

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Cited by

CN102301135A; EP2902619A1; CN104806458A; AU2002256732B2; CN1321267C; US9039368B2; US6851267B2; US9074582B2; WO2004055339A1; WO2009135509A3; WO2010085961A3; US9410532B2; US7033139B2; US9039369B2; WO2009115100A1; WO2095222A1

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